

What is claimed is:

1. An image data processing method comprising the steps of:
 storing image data of a screen into memory means;
 reading the image data from the memory means in a unit of
 block consisting of a predetermined number of pixels and
 processing the read image data in the unit of block; and
 when the image data is read in the unit of block consisting
 of the predetermined number of pixels and the read image data
 is short of the unit of block, compensating a short amount thereof
 by using image data on an end side of an image from the image
 data stored in the memory means.

2. An image data processing method according to claim 1, wherein, when the short amount of the image data is an amount of a plurality of pixels, the short amount thereof is compensated by repeatedly using image data on each of both end sides of the image only the number of times which is almost the same with respect to each other.

3. An image data processing apparatus comprising:

- memory means for storing image data of a screen;
- memory control means for writing the image data on the memory means and reading the written image data in a unit of block;
- signal processing means for performing compression coding process on the image data read from the memory means in the unit of block by the memory control means; and

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4. An image data processing apparatus according to claim 3, wherein, when the short amount of the image data is an amount of a plurality of pixels, the memory control means repeatedly reads image data on each of both end sides of an image only the number of times which is almost the same with respect to each other to compensate the short amount thereof.

5. An image data processing apparatus according to claim 3, wherein the signal processing means performs compression coding process according to the format indicated by the setting signal from the format setting means, on the image data read from the memory means in a unit of block.

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memory means for storing image data of a screen of the digital image signal;

signal processing means for performing compression coding process on the image data read from the memory means in the unit of block by the memory control means; and

wherein the memory control means reads the image data from the memory means in a unit of block consisting of a predetermined number of pixels according to the format indicated by the setting signal from the format setting means and, when the image data is short of the unit of block on reading the image data, the memory control means repeatedly reads image data on an end side of an image from the image data of a screen stored in the memory means to thereby solve a short amount of image data.

means for converting an image signal obtained from an image

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memory control means for controlling the memory means so as to write image data on the memory means and read the written image data in a unit of block having the number of pixels smaller than that of the image data of a screen;

format setting means for supplying a setting signal indicative of a format used when the image data stored in the memory means is recorded on a recording medium, to the memory control means and the signal processing means,

wherein the memory control means reads the image data as a plurality of blocks from the memory means in the unit of block consisting of the predetermined number of pixels according to the format indicated by the setting signal from the format setting means and, with respect to a predetermined block among the plurality of blocks, the memory control means forms a block by repeatedly reading image data on an end side of an image from the image data of a screen stored in the memory means.